

1. (Presently Amended) A method of treating stroke in a patient who has undergone a stroke at least three hours earlier, said method comprising delivering at least 2 million viable neuronal cells to at least one brain area involved in the stroke whether hemorrhagic or ischemic.
2. (Presently Amended) The method of claim 1 further comprising the step of using a twist drill or a burr to provide entry through the skull whereby through which the cells can be delivered into the brain.
3. (Presently Amended) The method of claim 1 wherein the cells are selected from the group consisting of hNT neuronal cells, neural stem cells, HCN-1 cells, fetal [[pig]] non-human mammalian cells, neural crest cells or a combination thereof.
4. (Original) The method of claim 1 wherein the stroke has taken place at least three months earlier.

Claims 5-6 (cancelled)

7. (Presently Amended) A method of improving speech in a person who has experienced brain damage which interferes with speech, said method comprising injecting a sterile composition of a sufficient number of neuronal cells into the damaged brain area.
8. (Original) The method of claim 7, wherein the brain damage is due to stroke.
9. (Original) The method of claim 7, wherein the injected neuronal cells are human neuronal cells or human stem cells.
10. (Presently Amended) A method of improving motor performance in a person who has experienced brain damage which interferes with movement, said method comprising injecting a sterile composition of a sufficient number of neuronal cells to the damaged area of the brain.
11. (Original) The method of claim 10, wherein the brain damage is due to stroke.
12. (Presently Amended) The method of claim 10, wherein the injected neuronal cells are a sterile composition of human neuronal cells or neural stem cells.
13. (Original) A method of improving cognition in a person who has experienced brain damage which interferes with cognition, said method comprising delivering a sterile composition of a sufficient number of neuronal cells or neural stem cells to the damaged area of the brain.

14. (Presently Amended) A method of improving sensory function in a person who has experienced brain damage which interferes with sensation, said method comprising delivering a sterile composition of a sufficient number of neuronal cells or neural stem cells to the damaged area of the central nervous system or to the cerebral spinal fluid.
15. (Presently Amended) A method of improving sensory, motor or cognitive function in a person who has experienced brain damage due to a hemorrhagic or thrombotic stroke which interferes with those functions, said method comprising delivering a sterile composition of a sufficient number of neuronal cells or neural stem cells into a location from which the neuronal cells migrate to the damaged area.
16. (Presently Amended) The method of claim 14, comprising delivering the composition into [[to]] the cisternae.
17. (Presently amended) A method of replacing in an individual's individual nervous system nerves lost to neurodegenerative disease, trauma, ischemia or poisoning, the method comprising administering to the individual a sterile composition of a sufficient number of neuronal cells.
18. (New) The method of claim 17 wherein the cells are selected from the group consisting of hNT neuronal cells, neural stem cells, HCN-1 cells, fetal non-human mammalian cells, neural crest cells or a combination thereof.
19. (New) The method of claim 15 wherein the cells are selected from the group consisting of hNT neuronal cells, neural stem cells, HCN-1 cells, fetal non-human mammalian cells, neural crest cells or a combination thereof.